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<p>(21) 国際出願番号 PCT/JP99/04506</p> <p>(22) 国際出願日 1999年8月20日(20.08.99)</p> <p>(30) 優先権データ 特願平10/233942 1998年8月20日(20.08.98) JP 特願平10/364551 1998年12月22日(22.12.98) JP</p> <p>(71) 出願人 (米国を除くすべての指定国について) 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.)[JP/JP] 〒571-8501 大阪府門真市大字門真1006番地 Osaka, (JP)</p> <p>(72) 発明者 ; および (75) 発明者 / 出願人 (米国についてのみ) 井口 睦(INOKUCHI, Chikashi)[JP/JP] 〒573-0157 大阪府枚方市藤阪元町2-17-13 Osaka, (JP) 古宮 成(FURUMIYA, Shigeru)[JP/JP] 〒670-0083 兵庫県姫路市辻井1-11-22-2 Hyogo, (JP) 宮端佳之(MIYABATA, Yoshiyuki)[JP/JP] 〒614-8372 京都府八幡市男山笹谷5番地D9-502 Kyoto, (JP) 久門裕二(HISAKADO, Yuji)[JP/JP] 〒538-0031 大阪府大阪市鶴見区茨田大宮2-1-10-1004 Osaka, (JP)</p>	<p>宮崎篤史(MIYAZAKI, Atsushi)[JP/JP] 〒612-8485 京都府京都市伏見区羽東師志水町138-8 Kyoto, (JP) 赤木俊哉(AKAGI, Toshiya)[JP/JP] 〒572-0055 大阪府寝屋川市御幸東町33-19-303 Osaka, (JP)</p> <p>(74) 代理人 弁理士 山本秀策(YAMAMOTO, Shusaku) 〒540-6015 大阪府大阪市中央区城見一丁目2番27号 クリスタルタワー15階 Osaka, (JP)</p> <p>(81) 指定国 CN, JP, KR, US, 欧州特許 (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)</p> <p>添付公開書類 国際調査報告書 補正書</p>																																									
<p>(54)Title: LASER POWER CONTROLLER AND OPTICAL DISK DEVICE</p> <p>(54)発明の名称 レーザーパワー制御装置および光ディスク装置</p> <p>(57) Abstract</p> <p>A power controller for controlling the power of a light source for emitting a light beam directed to an optical medium, comprising a reflected light detector for detecting the light reflected from the optical medium when the light beam is made to track a track of the optical medium, a calculating unit for calculating the transmittance to light from the surface of the disk to a recording layer by using the reflected light or the intensity of the light beam at the recording layer of the medium, and power control means for controlling the power of the light beam of the light source from the results of the calculation by the calculating unit.</p> <div data-bbox="698 1218 1331 1428"> </div> <div data-bbox="584 1438 1331 1711"> <table border="0"> <tr> <td>101 ... MOTOR</td> <td>1 ... FOCUSING ERROR SIGNAL</td> </tr> <tr> <td>102 ... OPTICAL DISK</td> <td>2 ... TRACKING ERROR SIGNAL 2</td> </tr> <tr> <td>103 ... OPTICAL HEAD</td> <td>3 ... TRACKING ERROR SIGNAL 3</td> </tr> <tr> <td>104 ... REPRODUCED SIGNAL/ SERVO SIGNAL DETECTING CIRCUIT</td> <td>4 ... MODE/POWER SETTING</td> </tr> <tr> <td>105 ... POWER CONTROL MEANS</td> <td>5 ... REFERENCE VALUE</td> </tr> <tr> <td>106 ... REPRODUCED SIGNAL DETECTING/SIGNALIZING MEANS</td> <td>6 ... RECORDING DATA</td> </tr> <tr> <td>107 ... LASER DRIVE CIRCUIT</td> <td>7 ... REPRODUCED SIGNAL</td> </tr> <tr> <td>108 ... RECORDING SIGNAL GENERATING CIRCUIT</td> <td>8 ... DATA DETECTION SIGNAL</td> </tr> <tr> <td>109 ... MODULATOR</td> <td>9 ... RECORDING/REPRODUCING</td> </tr> <tr> <td>110 ... POWER CONTROL MEANS</td> <td>10 ... DATA TO BE RECORDED</td> </tr> <tr> <td>111 ... TRACKING ERROR SIGNAL 1</td> <td>11 ... REPRODUCED DATA</td> </tr> <tr> <td>112 ... TRACKING ERROR SIGNAL 2</td> <td>12 ... MODE/POWER SETTING</td> </tr> <tr> <td>113 ... TRACKING ERROR SIGNAL 3</td> <td>13 ... TRACKING POLARITY SIGNAL</td> </tr> <tr> <td>114 ... FOCUSING ERROR SIGNAL</td> <td>14 ... ADDRESS DETECTION SIGNAL</td> </tr> <tr> <td>115 ... CPU</td> <td></td> </tr> <tr> <td>116 ... TRACKING POLARITY SIGNAL</td> <td></td> </tr> <tr> <td>117 ... TRANSMITTER NO DETECTION SIGNAL</td> <td></td> </tr> <tr> <td>118 ... ADDRESS DETECTION SIGNAL</td> <td></td> </tr> <tr> <td>119 ... CALCULATING UNIT</td> <td></td> </tr> <tr> <td>300 ... USER INTERFACE</td> <td></td> </tr> </table> </div>			101 ... MOTOR	1 ... FOCUSING ERROR SIGNAL	102 ... OPTICAL DISK	2 ... TRACKING ERROR SIGNAL 2	103 ... OPTICAL HEAD	3 ... TRACKING ERROR SIGNAL 3	104 ... REPRODUCED SIGNAL/ SERVO SIGNAL DETECTING CIRCUIT	4 ... MODE/POWER SETTING	105 ... POWER CONTROL MEANS	5 ... REFERENCE VALUE	106 ... REPRODUCED SIGNAL DETECTING/SIGNALIZING MEANS	6 ... RECORDING DATA	107 ... LASER DRIVE CIRCUIT	7 ... REPRODUCED SIGNAL	108 ... RECORDING SIGNAL GENERATING CIRCUIT	8 ... DATA DETECTION SIGNAL	109 ... MODULATOR	9 ... RECORDING/REPRODUCING	110 ... POWER CONTROL MEANS	10 ... DATA TO BE RECORDED	111 ... TRACKING ERROR SIGNAL 1	11 ... REPRODUCED DATA	112 ... TRACKING ERROR SIGNAL 2	12 ... MODE/POWER SETTING	113 ... TRACKING ERROR SIGNAL 3	13 ... TRACKING POLARITY SIGNAL	114 ... FOCUSING ERROR SIGNAL	14 ... ADDRESS DETECTION SIGNAL	115 ... CPU		116 ... TRACKING POLARITY SIGNAL		117 ... TRANSMITTER NO DETECTION SIGNAL		118 ... ADDRESS DETECTION SIGNAL		119 ... CALCULATING UNIT		300 ... USER INTERFACE	
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